

## CONTENTS OF VOLUME 84

ANTMAN, S. S., Large Lateral Buckling of Nonlinearly Elastic Beams . . .	293
APPLEBY, P. G., & N. KADIANAKIS, The Characterisation of Spin in Euclidean Space-Time . . . . .	171
ASANO, K., see UKAI, S. . . . .	249
BEALE, J. T., Large-Time Regularity of Viscous Surface Waves . . . . .	307
BELL, J. F., Continuum Plasticity at Finite Strain for Stress Paths of Arbitrary Composition and Direction . . . . .	139
DAY, W. A., Further Remarks on a Property of the Equations of Dynamic Thermoelasticity . . . . .	69
DAY, W. A., On a Qualitative Effect Arising from Coupling in Dynamic Linear Thermoelasticity . . . . .	83
FOSDICK, R. L., & G. MACSITHIGH, Helical Shear of an Elastic, Circular Tube with a Non-Convex Stored Energy . . . . .	31
GURTIN, M. E., Two-Phase Deformations of Elastic Solids . . . . .	1
HRUSA, W. J., A Nonlinear Functional Differential Equation in Banach Space with Applications to Materials with Fading Memory . . . . .	99
KADIANAKIS, N., see APPLEBY, P. G. . . . .	171
MACSITHIGH, G., see FOSDICK, R. L. . . . .	31
MARSDEN, J. E., see WAN, Y. H. . . . .	203
MUNCASTER, R. G., Invariant Manifolds in Mechanics I: The General Construction of Coarse Theories from Fine Theories . . . . .	353
MUNCASTER, R. G., Invariant Manifolds in Mechanics II: Zero-dimensional Elastic Bodies with Directors . . . . .	375
SIMPSON, H. C., & S. J. SPECTOR, On Copositive Matrices and Strong Ellipticity for Isotropic Elastic Materials . . . . .	55
SPECTOR, S. J., see SIMPSON, H. C. . . . .	55
UKAI, S., & K. ASANO, Steady Solutions of the Boltzmann Equation for a Gas Flow Past an Obstacle. I. Existence . . . . .	249
WAN, Y. H., & J. E. MARSDEN, Symmetry and Bifurcation in Three-Dimensional Elasticity. Part III: Stressed Reference Configurations . . . . .	203
YIN, W.-L., On the Earnshaw Misconjecture . . . . .	235
ZIEMER, W. P., Cauchy Flux and Sets of Finite Perimeter . . . . .	189